



Use of Ashes in Sweden and The Review of Hazardous Properties

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- Svenska EnergiAskor – Swedish Energy Ashes – a non profit organization promoting resource efficiency and environmentally friendly recycling of ashes from energy production.
- A meeting place for energy companies.
- A sustainable energy system utilizes the ashes in an environmentally friendly way.



Use of Ashes

- Promote resource efficiency and recycle ashes instead of using scarce or energy consuming natural resources.
- Ashes might be recycled and not unnecessarily deposited at a land fill.
- Ashes hazardous for the environment shall not be recycled but taken care of in the best way possible.



Recycle ashes to the forest

Complete the natural cycle of the basic nutrients from the burnt biomass.



Use of Ashes

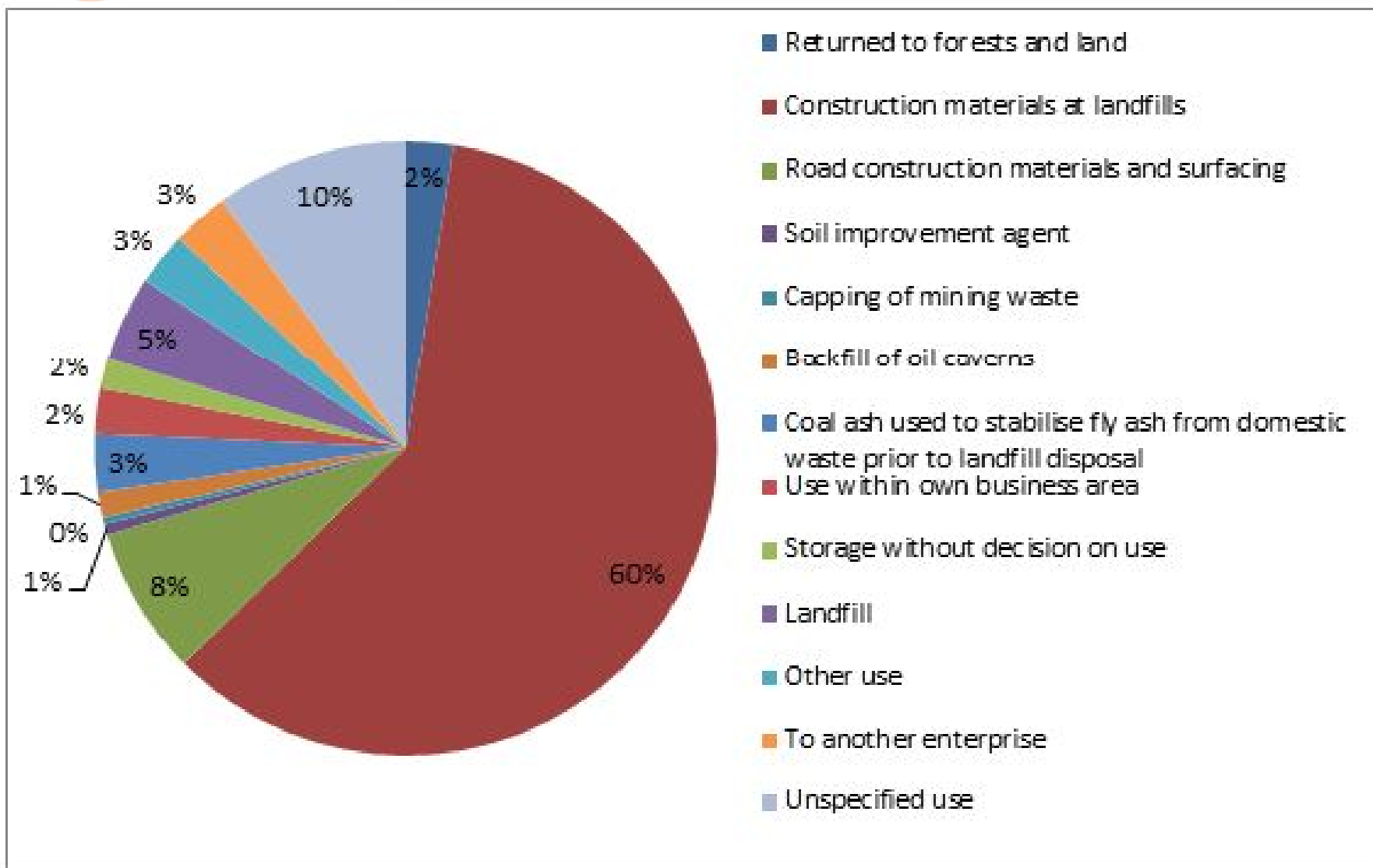
Recycling to forest, Road construction in Hudiksvall
Construction materials at landfill and analysing a
road construction with bottom ashes in Umeå.



Challenge

- 1.5 Miljon ton Ashes are produced a year
- An increase with 20 % from 2006
- Larger amount is used as construction materials at landfills, compared to 2006

Statistics 2010



Review of European Waste List

- Classification of hazardous wastes
- Waste codes – impact on the transport of waste, installation permits, decisions of recyclability of the waste and waste statistics.
- Review of Hazardous Properties
- Next meeting February 1 – 2
- Second, and last meeting in June 2012
- Commission Guideline,
- Timetable - implementation July 1th 2015

Comments

- Ashes should not be considered hazardous-waste only due to high pH
- Concrete and Ash should be exempted together
- Pure bio-ash should not be given mirror entries in the List of waste